

**MIAMI-DADE TRANSIT**  
**CAPITAL PROJECTS ADVERTISEMENT NOTIFICATION**  
**December 2009**

Miami-Dade Transit (MDT) is now planning for the advertisement of six (6) critical capital projects in the first quarter of 2010. These projects are in support of the Earlington Heights to Miami International Center Metrorail expansion and the new rail vehicle procurement. These projects will be funded with People's Transportation Plan (PTP) Bond Program and/or American Recovery and Rehabilitation Act (ARRA) Economic Federal Stimulus Program. Federal requirements will apply to those projects wholly or partially funded with federal grant funds.

Following are the project descriptions:

**1. Palmetto Traction Power Sub-Station Project**

The Design/Build Contractor for the Palmetto Traction Power Sub-Station Project will design, permit, furnish, construct and test a complete new traction power sub-station at a location in the vicinity of the Metrorail Palmetto Station. The work includes interfacing and coordinating with FP&L for the 13.2 kV service modifications to the existing 13.2kV for the Palmetto Station, installation and connection of all cables to the electrified third rail, and track and modification to the central control system.

**2. Metrorail Central Control Upgrade Project**

The Design/Build Contractor for the Metrorail Central Control Upgrade Project will design, permit, furnish, construct and test a complete new rail transit central control system at the Stephen P. Clark Government Center. This upgrade will provide a new modern, efficient and reliable transit control center including but not limited to a new interior design, new electrical system, and new communications and mechanical equipment.

**3. Lehman Center Test Track Project**

The Design/Build Contractor for the Lehman Center Test Track Project will design, permit, furnish, construct and test a rail vehicle Test Track, a siding track with a Service and Inspection (S&I) Building and a Train Control and Communications House. The work includes implementation of a train control system, CCTV and telephone systems, as well a connection of traction power for the Test Track. The Test Track will be located at the Lehman Center (Palmetto) Yard.

**4. Lehman Yard Rehabilitation - Expansion Phase 1 Project**

The Design/Build Contractor for the Lehman Yard Rehabilitation - Expansion Phase 1 Project will design, permit, furnish, construct and test five (5) new Storage Tracks with electrified third rail and two (2) Maintenance of Way tracks in the existing Lehman Center Yard. The work includes implementation of a train

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control system and connection of traction power for the Storage Tracks along with the addition of track switches remotely controlled by the existing control panel in the Yard Tower.

**5. Existing Metrorail Station (Phase 1) - Graphics and Signage Retrofit Project**

The Design/Build Contractor for the Signage and Graphics design-build project will design, furnish and install a complete signage and graphic wayfinding system capable of providing effective and reliable transit information. This signage system will require a retrofit of MDT's existing signage system in order to provide an effective and standard signage and graphics communication system with the existing Metrorail stations, the Miami Intermodal Center (MIC) Station and any future Metrorail stations.

**6. Construction Engineering and Inspection (CE&I) Services for the Lehman Center Test Track, Palmetto Station Traction Power Sub-Station, Metrorail Central Control Upgrade and Lehman Yard Rehabilitation - Expansion Phase 1**

The CE&I contract will provide construction, engineering and inspection services and contract administration, professional and technical services including engineering, inspection, managerial, administrative, and other services required during the design and construction phases of the aforementioned system projects.

**Minimum Qualifications:** In addition to the required licenses and technical certifications, the selected contractor must meet the pre-qualification criteria included in the advertisement notice and contract documents. The CE&I Consultant team must comply with the engineering and/or architectural licenses and technical certifications requirements listed in the Notice to Professional Consultant (NTPC) and must be experienced in applying the American Rail Engineering and Maintenance Association (AREMA) standards and guidelines. These requirements are necessary to ensure a well qualified and experienced team in the area of rail transit facilities, trackwork, systems design, and construction management.

For further information, please log onto the Miami-Dade Transit website at <http://www.miamidade.gov/transit/>, submit questions to [jvalder@miamidade.gov](mailto:jvalder@miamidade.gov).